

PARTS LIST AND DESCRIPTION (CONTINUED)
(When ordering parts, state Model, Part Number, and Description.)

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	FM Antenna	CA-3306	411M504		
L2	FM RF	CA-4585	412M503		
L3	RF Choke	CA-2276	111M077		
L4	FM Oscillator	CA-4584	111M160		
L5	Loopstick	CA-3305	411M507		
L6	AM Oscillator	CA-4583	113M248		
L7	19kHz Input	CB-0069	11PN001		
L8	38kHz Output	CB-0135	412N016		
T1	FM Input: Input	CA-6300	11LD105		
T2	Ratio Detector (Pri)	CA-6887	11DM060		
T3	Ratio Detector (Sec)	CA-6796	11EM060		
T4	AM Input IF (Sec)	CA-7456	11AM004		
T5	AM Output IF	CA-7457	11CM502		
T7	AM Input IF (Pri)	CA-7456	11AM004		

TRANSFORMER (Power)

ITEM No.	RATING		REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T6	120V AC @ .09A AC	33.7V AC CT @ 1.09A DC	TA-0476			
	SEC. 2	SEC. 3				
	5.5V AC @ .245A AC					

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP1	4" PM 8 ohms	4520503 (1)		(1) Number on unit.
SP2	4" PM 8 ohms	4520503 (1)		

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CF	Filter	C-0602	10.7MHz
K1	Solenoid	S-9059	Head Shift
M1	Head	H-4257	8-Track Stereo Play
M2	Motor	M-4306	Tape Transport (2300 rpm @ 18.88V DC)
SW1	Switch	S-0646	Power
SW2	Switch	S-2262	Function, AM-FM-FM Stereo -Phono-Tape
SW401	Switch	1610922	Program Indicator (actuated by head-shift solenoid)
SW402	Switch	RT-0156	Manual Program Select
SW403	Switch	S-0665	Automatic Program Select (actuated by foil on tape)
SW404	Switch	S-0664	Tape Power (actuated by insertion of cartridge)
	Power Cord	W-1001	AC
	Printed Circuit Board	4010542	Tuner
	Printed Circuit Board	4610518	Tape

CABINETS & CABINET PARTS (When ordering specify model, chassis & color)

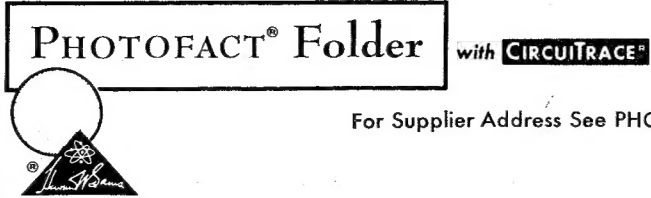
ITEM	PART No.	ITEM	PART No.
Cabinet	27CE083	Knob, Balance/Tone/Volume/Function	K-1824
Back, Cabinet	24CE080	Button, Power	K-1825
Knob, Tuning	K-1822	Knob, Program Select	K-1871
Cover, Tuning Knob	K-1823		

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8528 (Solid) Available in 12 Colors
Power Cord	8522 (Stranded) Available in 12 Colors
Low-loss Shielded Lead (Interconnecting) ..	Use BELDEN No. 17106 (Plastic) or 17126 (Rubber) - 6 Ft.
	17109 (Plastic) or 17129 (Rubber) - 9 Ft.
	Use BELDEN No. 8401 or 8421

SET 1572 FOLDER 3

REALISTIC MODEL 12-1402

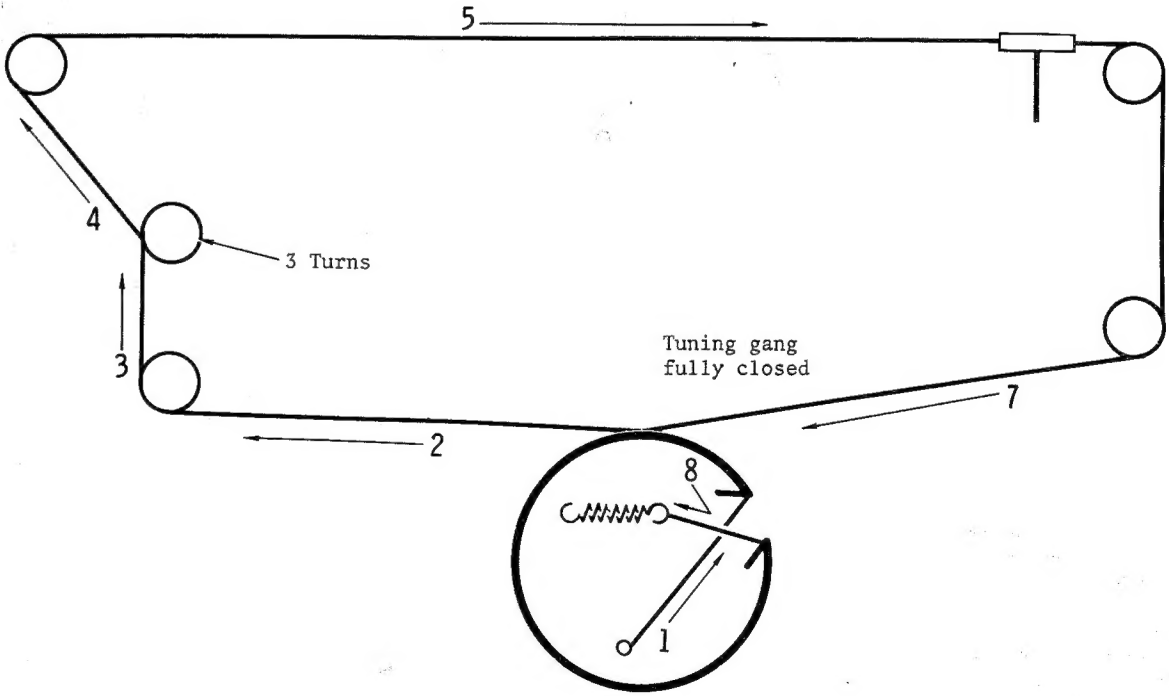


For Supplier Address See PHOTOFACT Index

REALISTIC
MODEL 12-1402



DIAL CORD STRINGING



REALISTIC
MODEL 12-1402

SET 1572 FOLDER 3

HOWARD W. SAMS & CO., INC. Indianapolis, Indiana 46206



The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of the particular type of replacement part listed. 6PL1529

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DATE 6-76

SET 1572 FOLDER 3

PARTS LIST AND DESCRIPTION
(When ordering parts, state Model, Part Number, and Description.)

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA						
			GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.
D1	1S1555		GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218
D2	1S2076(1)		GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218
D3	1S2076(1)		GE-90	D201	PTC214	HEPR2503	RE 195	SK3126	RT-262
D4	1N60P		1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200
D5	1N60P		1N60(7)	1N60(7)	PTC206M(6)	HEPR9135(7)	RE 86(6)	SK3088(7)	RT-263(7)
D6	WZ090				ZB9.1B				RT-240
D7	9V Zener +5%		GEZD-9.1	Z1209	PTC505	HEPZ0412	RE 114	SK3060	RT-240
D8	1N60		1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263
D9	MPS9646G		GE-300	D200	PTC214	HEPRO602	RE 52	SK3100	RT-218
D10	MR9602		GE-504A	804	PTC201	HEPRO052	RE 49	SK3030	RT-213
D11	LM1862(1)		GE-504A	804	PTC201	HEPRO052	RE 49	SK3030	RT-213
D12	MR9602		GE-504A	804	PTC201	HEPRO052	RE 49	SK3030	RT-213
D13	LM1862(1)		GE-504A	804	PTC201	HEPRO052	RE 49	SK3030	RT-213
D14	MR9602		GE-504A	804	PTC201	HEPRO052	RE 49	SK3030	RT-213
D15	KB-162(12)		GE-504A	804	PTC201	HEPRO052	RE 49	SK3030	RT-213
D16	KB-162(12)		GE-504A	804	PTC201	HEPRO052	RE 49	SK3030	RT-213
D17	SR1K-2		GE-504A	804	PTC201	HEPRO052	RE 49	SK3030	RT-213
IC1	AN217BB								
IC2	AN271B								
Q1	2SC1359B		GE-17	TR-21	PTC121	HEPS0025	RE 9	SK3018	RT-108A
Q2	MPS9625G		GE-20	TR-21	PTC123	HEPS0014	RE 10	SK3018	RT-107A
Q3	MPS96811		GE-21	TR-30	PTC141	HEPS0026	RE 26	SK3114	RT-126A
Q4	MPS96811		GE-21	TR-30	PTC141	HEPS0026	RE 26	SK3114	RT-126A
Q5	MPS9632J		GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3124	RT-172
Q6	MPS9632J		GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3124	RT-172
Q7	2SC1383S	(5)	GE-47			HEPS0015		SK3137	
Q8	2SA683S	(5)	GE-48			HEPS0019		SK3138	
Q9	2SC1383S	(5)	GE-47			HEPS0015		SK3137	
Q10	2SA683S	(5)	GE-48			HEPS0019		SK3138	
Q401	LM1117C		GE-62	TR-51	PTC139	HEPS0024	RE 64	SK3124	RT-172
Q402	2SC644F(1)		GE-62	TR-51	PTC139	HEPS0024	RE 64	SK3124	RT-172
Q403	LM1540(1)		GE-62	TR-51	PTC139	HEPS0024	RE 64	SK3124	RT-172
Q404	LM1540C		GE-62	TR-51	PTC139	HEPS0024	RE 64	SK3124	RT-172
Q405	2SC644F(1)		GE-62	TR-51	PTC139	HEPS0024	RE 64	SK3124	RT-172
Q406	LM1117(1)		GE-62	TR-51	PTC139	HEPS0024	RE 64	SK3124	RT-172
Q407	LM1540C		GE-62	TR-51	PTC139	HEPS0024	RE 64	SK3124	RT-172
Q408	2SC644F(1)		GE-62	TR-51	PTC139	HEPS0024	RE 64	SK3124	RT-172
Q409	LM1117(1)		GE-62	TR-51	PTC139	HEPS0024	RE 64	SK3124	RT-172
Q410	LM1117(1)		GE-62	TR-51	PTC139	HEPS0024	RE 64	SK3124	RT-172

- (1) Used in some versions.
(5) Half of complementary pair (Q7 and Q8; Q9 and Q10).
(6) Matched pair.
(7) Two required - select matched pair.
(12) Varistor

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA				
		MFR. PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C26	10 10V	1202106	EP15-10	PC10-25	VTT10A25	EV-1222
C27	100 10V	1202107	EP15-100	PC100-10	VTT100E10	EV-1130
C28	10 10V	1202106	EP15-10	PC10-25	VTT10A25	EV-1222
C34	10 10V	1202106	EP15-10	PC10-25	VTT10A25	EV-1222
C41	4.7 10V	1202475	EP30-5	PC5-50	VTT4R7A50	EV-1319
C42	10 10V	1202106	EP15-10	PC10-25	VTT10A25	EV-1222
C47	4.7 10V	1202475	EP30-5	PC5-50	VTT4R7A50	EV-1319
C48	100 25V	1204107	EP30-100	PC100-25	VTT100G25	EV-1330
C49	100 25V	1204107	EP30-100	PC100-25	VTT100G25	EV-1330
C50	470 16V	1203477	EP15-500	PC500-16	VTT470J16	EV-1250
C53	1500 35V	1200158			TC50150A	TVA-1318
C54	1000 25V	1204108	EP30-1000	WBR1000-25	VTT1000M25	EV-1360
C66	100 16V	1203107	EP15-100	PC100-16	VTT100F16	EV-1230
C67	100 16V	1203107	EP15-100	PC100-16	VTT100F16	EV-1230
C72	47 10V	1202476	EP15-50	PC50-16	VTT47D16	EV-1226
C73	47 10V	1202476	EP15-50	PC50-16	VTT47D16	EV-1226
C76	470 10V	1202477	EP15-500	PC500-16	VTT470J16	EV-1150
C77	470 10V	1202477	EP15-500	PC500-16	VTT470J16	EV-1150
C403	4.7 25V	1204475	EP30-5	PC5-50	VTT4R7A50	EV-1319
C404	4.7 25V	1204475	EP30-5	PC5-50	VTT4R7A50	EV-1319
C407	10 16V	1203106	EP15-10	PC10-25	VTT10A25	EV-1222
C408	10 16V	1203106	EP15-10	PC10-25	VTT10A25	EV-1222
C409	220 16V	1203227	EP15-250	PC250-25	VTT220G16	EV-1240
C410	220 25V	1204227	EP30-250	PC250-25	VTT220H25	EV-1340

PARTS LIST AND DESCRIPTION (CONTINUED)
(When ordering parts, state Model, Part Number, and Description.)

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA			
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	50		DTZ-50	NP050	CNO450	10TCC-Q50
C2	.02		DC-203		MAG5012	2SS-S20
C3	.04				GP140	5GA-S40
C4	.04				GP140	5GA-S40
C5	.01		DC-103	GP10000	MAG5011	2SS-S10
C6	.15		DTZ-15	NP015	CNO415	10TCC-Q15
C7	.3		DTZ-3R3	NP03P3	CNO533	10TCC-V33
C8	.30					10TCC-Q30
C9	.30		DTZ-3R3	NP03P3	CNO533	10TCC-V33
C10	300		DD-301	GP300	GP330	10TS-T30
C11	.01		DC-103	GP10000	MAG5011	2SS-S10
C12	.01		DC-103	GP10000	MAG5011	2SS-S10
C13	.04		DC-103	GP10000	GP140	5GA-S40
C14	.01		DC-103	GP10000	MAG5011	2SS-S10
C15	.0					
C16	.04				GP140	5GA-S40
C17	.04				GP140	5GA-S40
C18	.0					
C19	300		DD-301	GP300	GP330	10TS-T30
C20	.02		DC-203		MAG5012	2SS-S20
C21	.4		DTZ-4R7	NP04P7	CNO537	10TCC-V47
C22	.02		DC-203		MAG5012	2SS-S20
C23	.02		DC-203		MAG5012	2SS-S20
C24	.100		DTZ-100	NP0100	CNO310	10TCC-T10
C25	.01		DC-103	GP10000	MAG5011	2SS-S10
C29	.01		DC-103	GP10000	MAG5011	2SS-S10
C30	.0047		CPJ-472	DPMS6047	EWFA1247	1PB-D47
C31	.04				GP140	5GA-S40
C32	.300		DD-301	GP300	GP330	10TS-T30
C33	.300		DD-301	GP300	GP330	10TS-T30
C35	.047			DPMS2547	EWFA1A47	1PB-S47
C36	.6		DTZ-6R8	NP06P8	CNO568	10TCC-V68
C37	.01		DC-103	GP10000	MAG5011	2SS-S10
C38	.0047 50V 10%		CPR-4700J	CD19FD472J03	SX247	424ME4701J501
C39	.0022		CPR-2200J	CD19FD222J03	SX222	424ME2201J501
C40	.022		CPJ-223	DPMS2522	EWFA1A22	1PB-S22
C43	.0033 10%		CPJ-332	DPMS6033	EWFA2A33	1PB-D33
C44	.0033 10%		CPJ-332	DPMS6033	EWFA2A33	1PB-D33
C45	.0015		DD-152		GP215	2SS-D15
C46	.0018		CPR-2000J	DPMS602	PVC622	6PS-D20
C51	.022 50V		CPJ-223	DPMS2522	EWFA1A22	1PB-S22
C52	.022 50V		CPJ-223	DPMS2522	EWFA1A22	1PB-S22
C55	.04				GP140	5GA-S40
C56	.60					
C57	.60					
C58	.01		DC-103	GP10000	MAG5011	2SS-S10
C59	.01		DTZ-10	NP010	CNO410	10TCC-Q10
C60	.10		CPJ-103	DPMS451	EWFA1A110	1PB-S110
C62	.0018		CPJ-103	DPMS451	EWFA1A110	1PB-S110
C63	.0018		CPJ-103	DPMS451	EWFA1A110	1PB-S110
C64	.047 50V		DD-301	GP300	GP330	10TS-T30
C65	.047 50V		DD-301	GP300	GP330	10TS-T30
C68	.470		DTZ-10	NP010	CNO410	10TCC-Q10
C69	.470		DTZ-10	NP010	CNO410	10TCC-Q10
C70	.100		DTZ-100	NP0100	CNO310	10TCC-T10
C71	.100		DTZ-100	NP0100	CNO310	10TCC-T10
C74	.01 50V		CPJ-103	DPMS451	EWFA1A110	1PB-S110
C75	.01 50V		CPJ-103	DPMS451	EWFA1A110	1PB-S110
C78	.02		DC-203		MAG5012	2SS-S20
C79	.300		DD-301	GP300	GP330	10TS-T30
C80	.02		DC-203		MAG5012	2SS-S20
C81	.10		DTZ-10	NP010	CNO410	10TCC-Q10
C401	.400		DD-391	GP390	GP339	10TS-T39
C402	.400		DD-391	GP390	GP339	10TS-T39
C405	.0068 10%		CPJ-682	DPMS6068	EWFA2A68	1PB-D68
C406	.0068 10%		CPJ-682	DPMS6068	EWFA2A68	1PB-D68
C411	.04				GP140	5GA-S40
TC1	Trimmer					
TC2	Trimmer					
TC3	Trimmer					
TC4	Trimmer					
VC	Tuning Gang					

- (1) Not used in some versions.
(2) Part of VC Tuning gang.

CONTROLS (All wattages 1/2 watt, or less, unless listed)

ITEM No.	FUNCTION	RESISTANCE	REPLACEMENT DATA			
			MFR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.
VR1	Balance	1meg	P-2049	F1-1Meg (1), SSK100	A47-1Meg-S (1), KSS-3 or [NP-1Meg-S (1), UP-C-400]	RU16L, SL36, SL1500 or [UA16L (1), SK1000] or U54 (1)
VR2-1	Tone - Right	1meg	P-2050	F1-1Meg (1), R1-1Meg, SSK100, CPL2	MP-1Meg-S (1), NR-1Meg-S, UP-C-400, DC-2	P16L, 3014 (1), RU16L, CS3500
VR3-1	Volume - Right	1meg	P-1527	F2-1Meg (1), R2-1Meg, SSK100, CPL2	NP-1Meg-Z (1), NR-1Meg-Z, UP-C-400, DC-2	P16A, 3014 (1), RU16A, CS3500
VR3-2	Volume - Left	1meg	V-0522 (5)			

- (1) Enlarge mounting hole.
(5) Number on unit.

PARTS LIST AND DESCRIPTION
(When ordering parts, state Model, Part Number, and Description.)

COILS (RF-IF)

ITEM No.	FUNCTION	
L1	FM Antenna	CA-
L2	FM RF	CA-
L3	RF Choke	CA-
L4	FM Oscillator	CA-
L5	Loopstick	CA-
L6	AM Oscillator	CA-
L7	19kHz Input	CB-
L8	38kHz Output	CB-
T1	FM Input Input	CA-
T2	Ratio Detector (Pri)	CA-
T3	Ratio Detector (Sec)	CA-
T4	AM Input IF (Sec)	CA-
T5	AM Output IF	CA-
T7	AM Input IF (Pri)	CA-

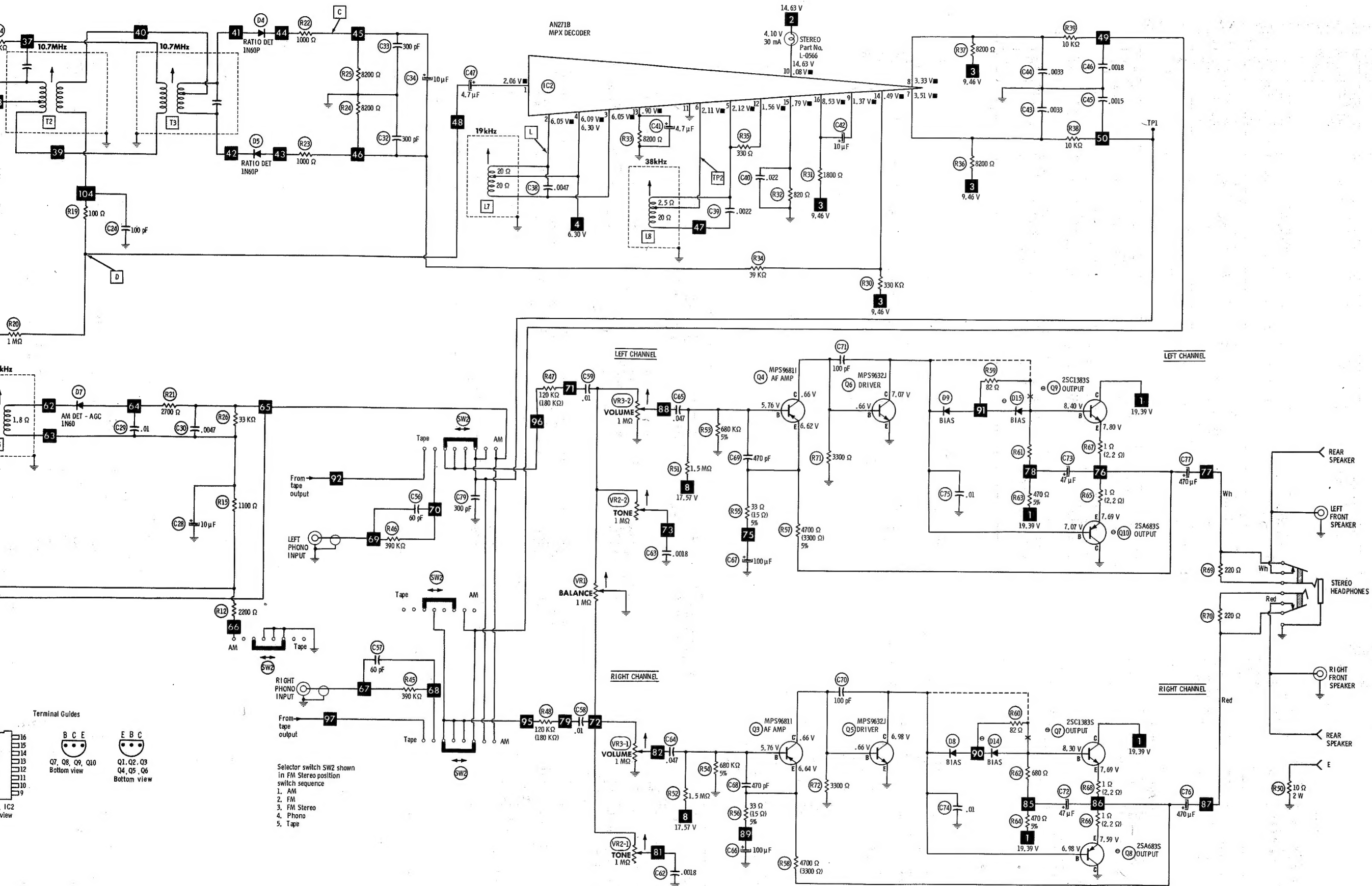
TRANSFORMER (Power)

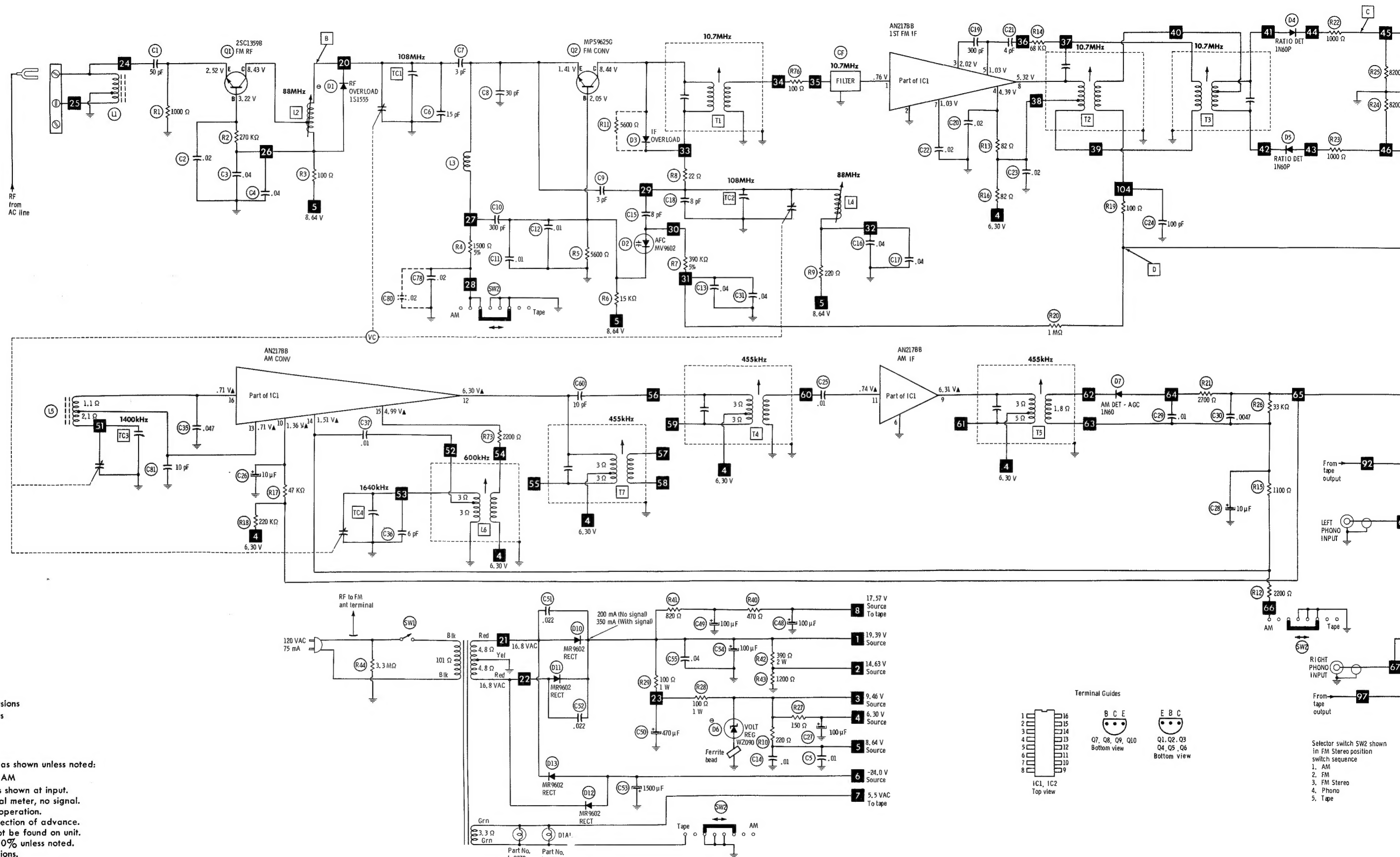
ITEM No.	RATING	
	PRI.	SEC. 1
T6	120V AC 0 .09A AC	33.7V AC CT @ 1.09A DC
	SEC. 2	SEC. 3
	5.5V AC @ .245A AC	

SPEAKER

ITEM No.	TYPE
SP1	4" PM 8 ohms
SP2	4" PM 8 ohms

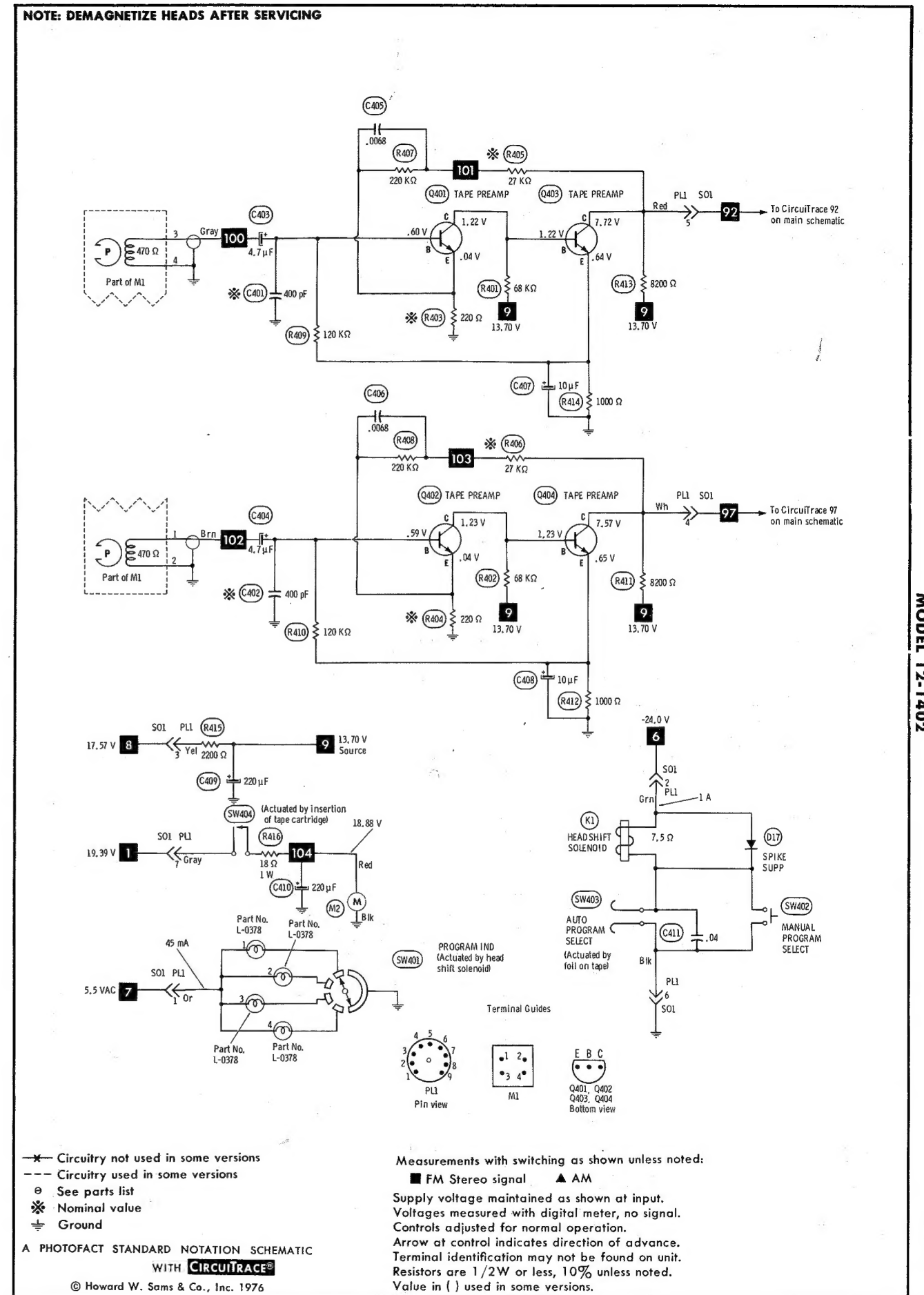
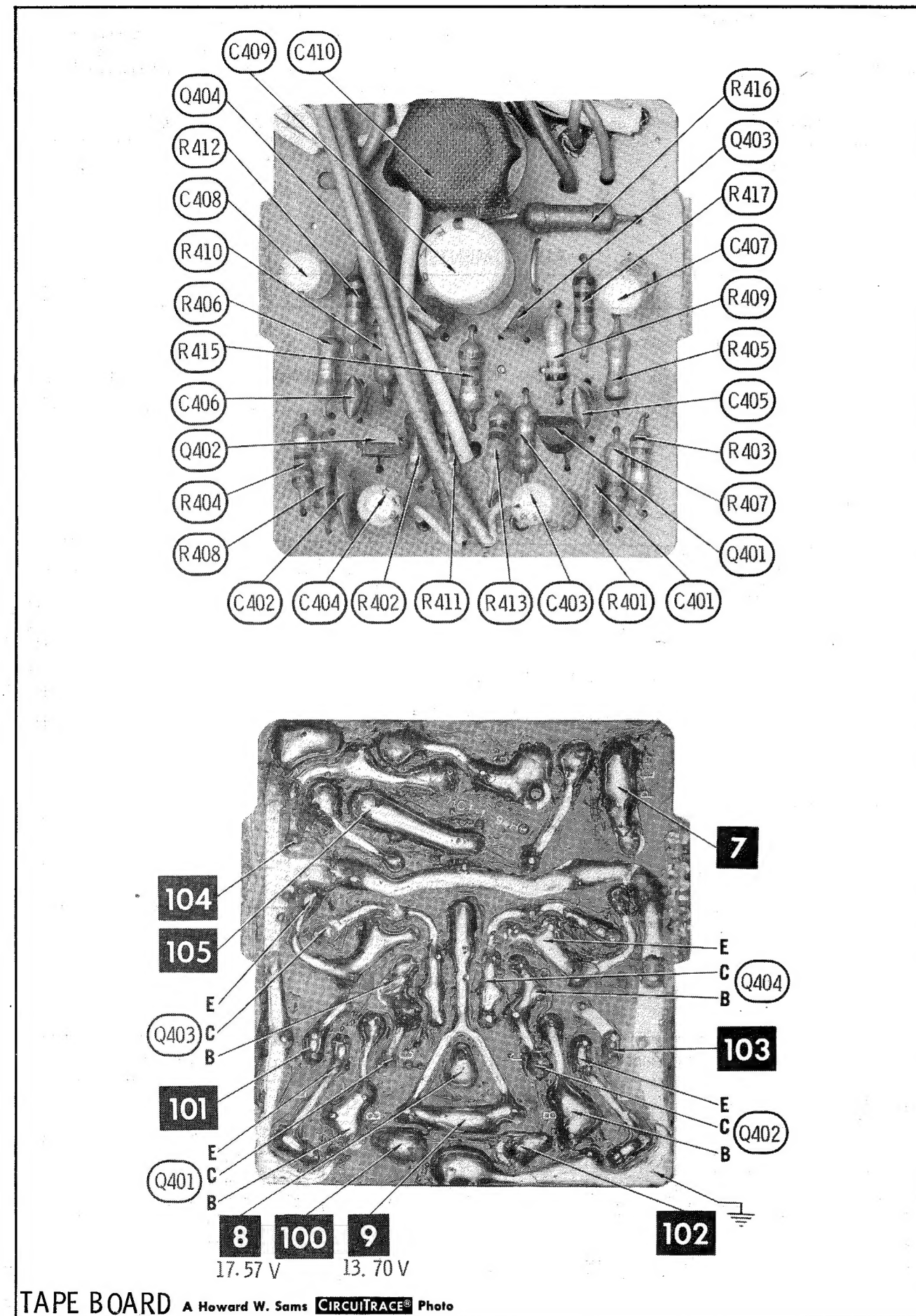
MISCELLANEOUS





* Circuitry not used in some versions
 --- Circuitry used in some versions
 ⊕ See parts list
 * Nominal value
 ⏏ Ground
 Measurements with switching as shown unless noted:
 ■ FM Stereo signal ▲ AM
 Supply voltage maintained as shown at input.
 Voltages measured with digital meter, no signal.
 Controls adjusted for normal operation.
 Arrow at control indicates direction of advance.
 Terminal identification may not be found on unit.
 Resistors are 1/2W or less, 10% unless noted.
 Value in () used in some versions.

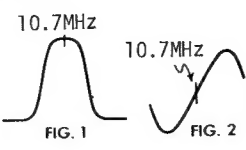
A PHOTOFAC STANDARD NOTATION SCHEMATIC
 WITH CIRCUITRACE®
 © Howard W. Sams & Co., Inc. 1976



ALIGNMENT INSTRUCTIONS

CAUTION: Use isolation transformer or observe polarity when connecting test equipment. Connect low sides of generator and indicator to ground unless specified otherwise. Maintain line voltage at 120V AC. Allow a 15-minute warm-up period. Use only enough generator output to obtain a suitable indication. Suggested alignment Tools: GC ELECTRONICS:

L6, T1 thru T5, T7, T89293, 9294



AM ALIGNMENT—SELECTOR IN AM POSITION

Connect generator across loop fashioned of several turns of wire. Set volume at maximum.				
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
455kHz 400-hertz Modulation	Tuning gang fully open	Output meter across voice coil	T5, T4, T7	Adjust for maximum. Repeat until no further improvement is noted.
600kHz	600kHz	"	L6	Adjust for maximum.
1640kHz	1640kHz	"	TC4	Adjust for maximum.
1400kHz	1400kHz	"	TC3	Adjust for maximum. Repeat AM alignment until no further improvement is noted.

FM IF ALIGNMENT USING AM SIGNAL GENERATOR—SELECTOR IN FM POSITION

High side of generator thru .001uF to point B.				
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
10.7MHz Unmodulated	Point of non-interference	DC probe of VTVM to point C.	T2, T1	Adjust for maximum.
"	"	DC probe of VTVM to point D.	T3	Adjust for zero reading. A positive or negative reading will be obtained on either side of correct setting.

FM IF ALIGNMENT USING FM SIGNAL GENERATOR—SELECTOR IN FM POSITION

High side of generator thru .001uF to point B. Use only enough marker signal for indication. Use 60-hertz, frequency-modulated signal, 450kHz sweep. Use 60-hertz sawtooth voltage in scope for horizontal deflection.				
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
10.7MHz 450kHz Sweep	Point of non-interference	Vert input of scope to point C.	T2, T1	Disconnect stabilizing capacitor C34. Adjust for maximum gain and symmetry of response similar to Fig. 1 with markers as shown. Reconnect C34.
"	"	Vert input of scope to point D.	T3	Adjust T3 to place marker at center of S curve similar to Fig. 2. Readjust T2 for maximum amplitude and straightness of line.

FM RF ALIGNMENT—SELECTOR IN FM POSITION

Connect generator across antenna terminals with 120-ohm carbon resistor in series with each lead. Adjustment of coils by bending should not be attempted unless the coil is deformed or replaced.				
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
88MHz Unmodulated	88MHz	DC probe of VTVM to point C.	L4, L2	Adjust for maximum.
108MHz Unmodulated	108MHz	"	TC2, TC1	Adjust for maximum. Repeat FM RF steps until no further improvement is noted.

FM STEREO MULTIPLEX ALIGNMENT USING FM STEREO SIGNAL GENERATOR (±.0001% ACCURACY)

High side of generator thru 47K to point D.			
GENERATOR FREQUENCY	INDICATOR	ADJUST	REMARKS
19kHz	Vert input of scope thru 47K to point L.	L7	Adjust for maximum.
19kHz	Vert input of scope thru 47K to point TP2.	L8	Adjust for maximum 38kHz response.

CLEANING

Clean all tape contact surfaces with a soft, lint-free material and head cleaner or methyl alcohol. Use alcohol to remove oil and grease from all driving surfaces.

CAUTION: Avoid getting head cleaner on any plastic surface.

LUBRICATING

Bearings are oil-less type and do not need lubrication. Lubricate bushings lightly with #20 machine oil. Use a light film of nonhardening grease on cam surfaces.

HEAD DEMAGNETIZING

Demagnetize head when unit is serviced. Avoid using magnetic materials near head.

ADJUSTMENTS

ADJUST	REMARKS
Head Azimuth	Play a test cartridge and adjust B1 for maximum on an AC VTVM across output.
Head Height	Play a test cartridge, follow instructions with cartridge, and adjust B2 for proper response.

TROUBLE CHART

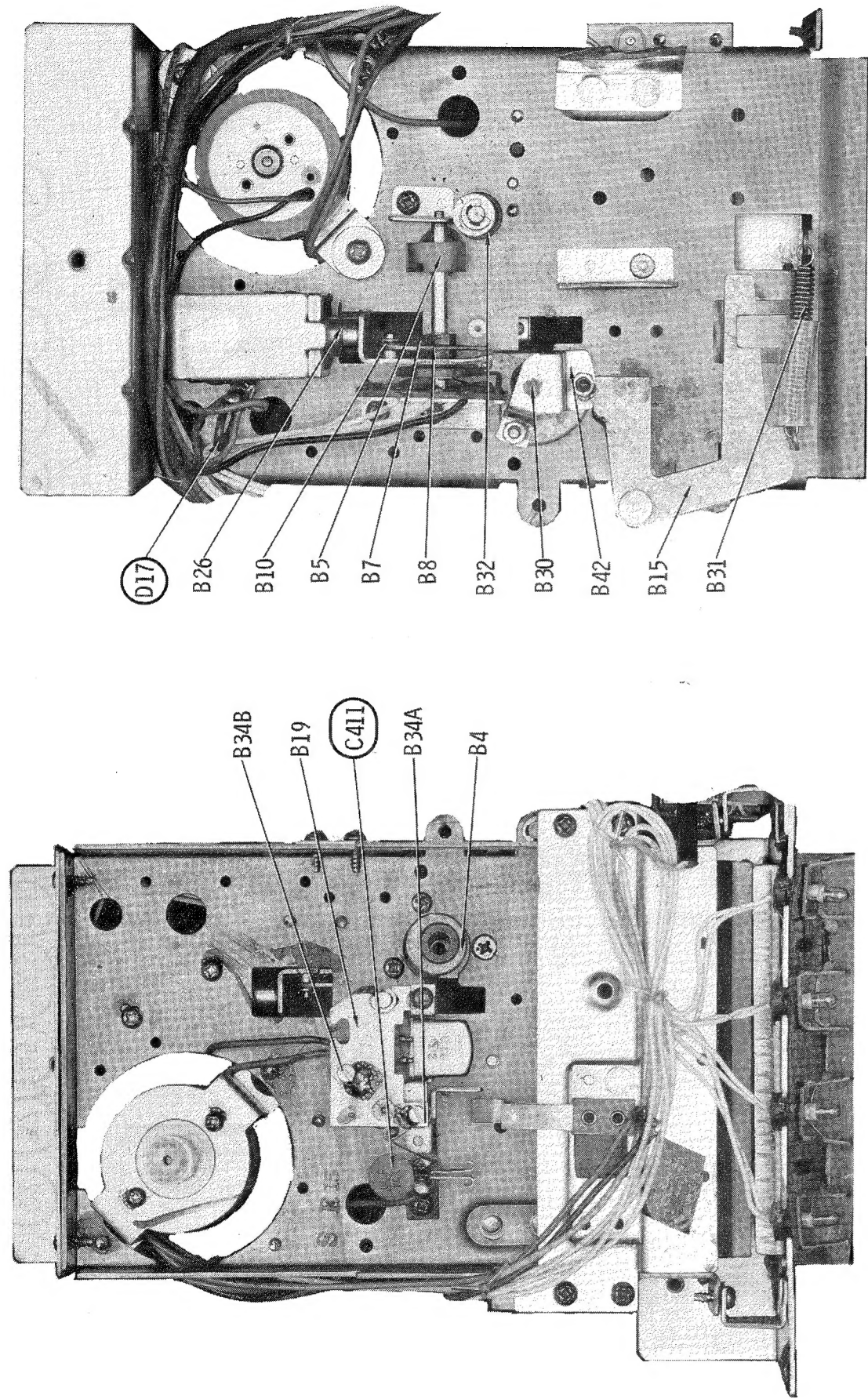
SYMPTOM	REMARKS
Capstan does not rotate.	Belt (B13) dirty, worn, or broken. Assembly (B4) binding. Motor defective or not supplied with power.
Track-shift mechanism inoperative	Switch (SW403) dirty. Cam (B5) binding or worn. Pawls (B7) and (B8) worn. Spring (B10) weak or broken. Assembly (B19) binding. Solenoid (K1) defective or not supplied with power. Cartridge defective.
Sound weak or distorted	Head dirty, misaligned, or defective. Cartridge defective. Amplifiers defective.
Tape is pulled from cartridge.	Cartridge defective. Capstan dirty or scored.

MECHANICAL PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
B3	RA-3216	Flywheel	B19	HB-3692	Head Shifting Plate
B4	RA-3217	Flywheel Housing Assembly	B26	RB-5362	Solenoid Spring
B5	RT-0170	Track Changing Cam Assembly	B30	HB-3694	Thrust Bearing
B7	HB-3688	Pull Pawl	B31	RB-5363	Detent Spring
B8	HB-3689	Push Pawl	B32	RB-5364	Head Lifting Spring
B10	RB-5361	Pawl Spring	B34A	RB-5365	Azimuth Spring
B13*	B-6287*	Flywheel Drive Belt*	B34B	RB-5365	Height Tension Spring
B15	HB-3691	Cartridge Detent Arm	B42	23W8257	Flywheel Retainer Arm

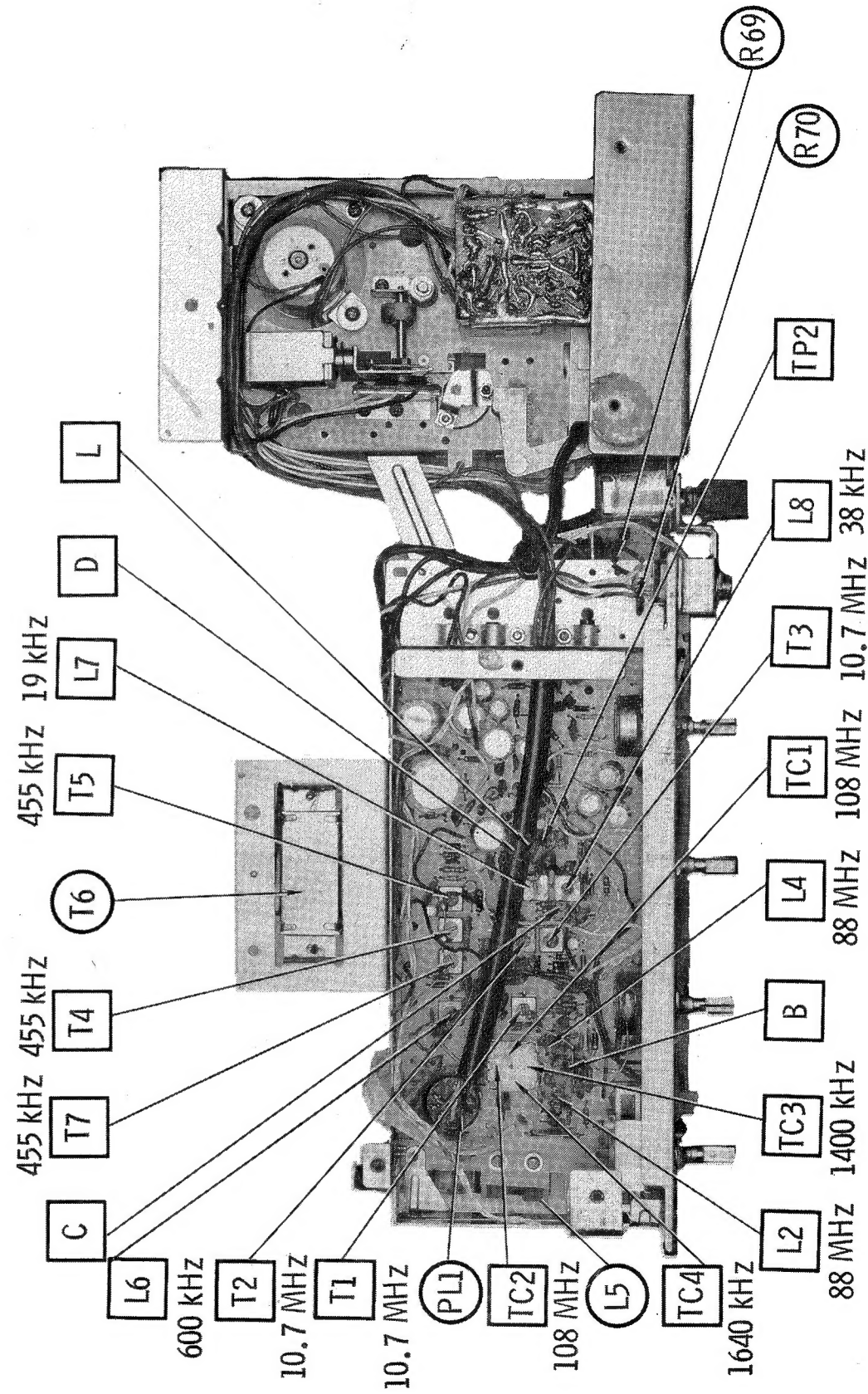
* Flywheel Drive Belt - E-V/GAME Replacement Number 1424-31.
WALSCO Replacement Number 1424-31.

TAPE CHASSIS

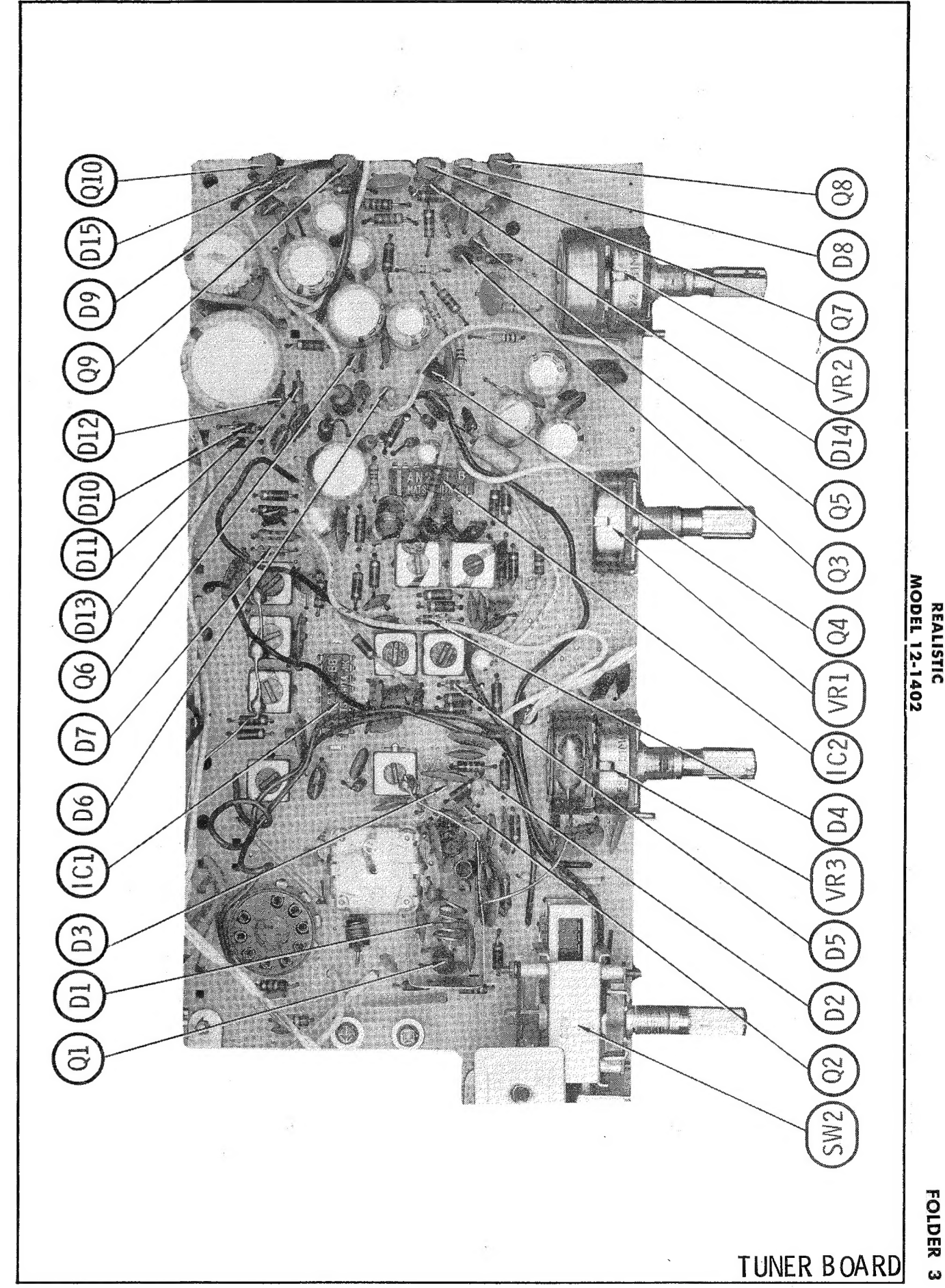
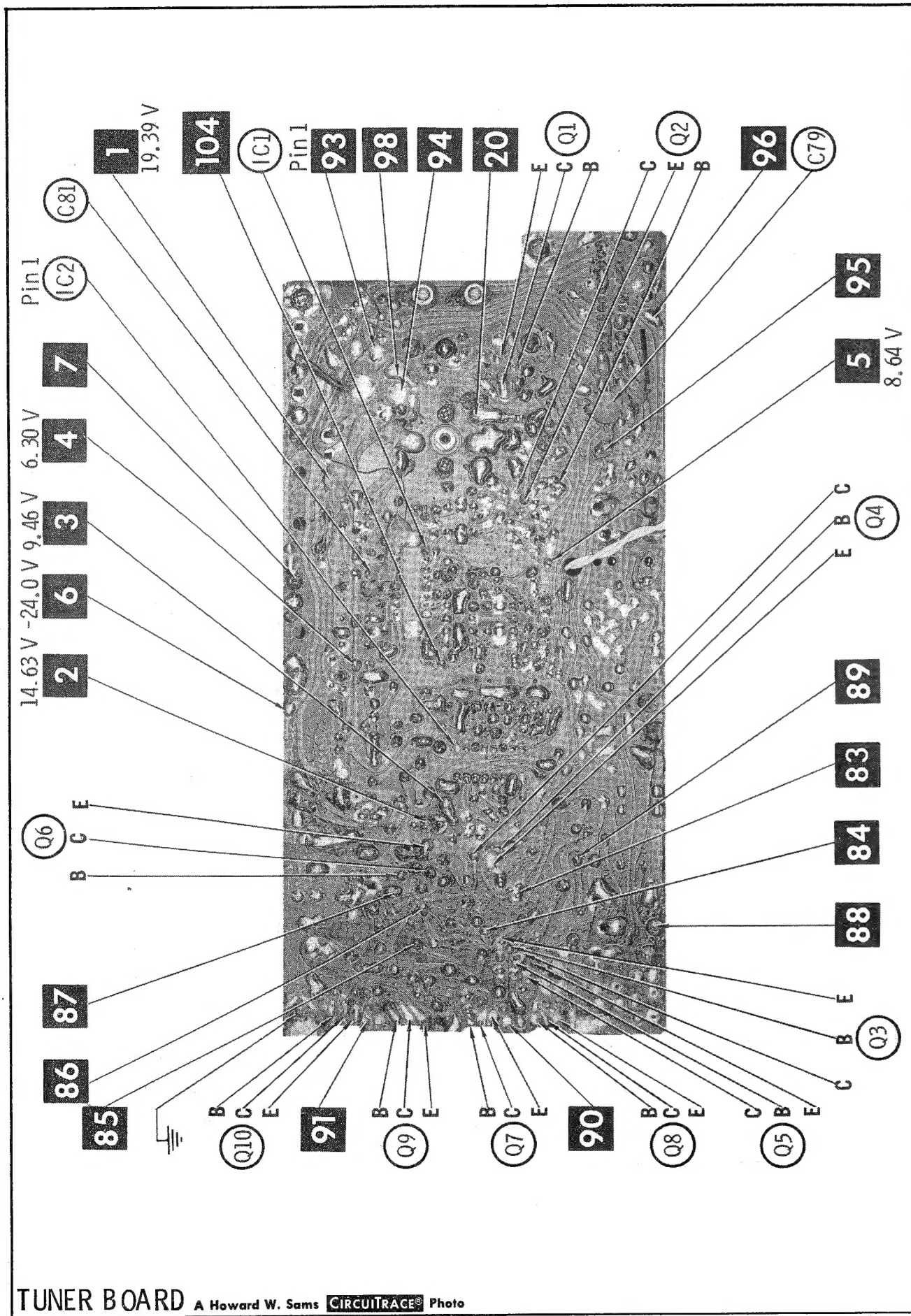


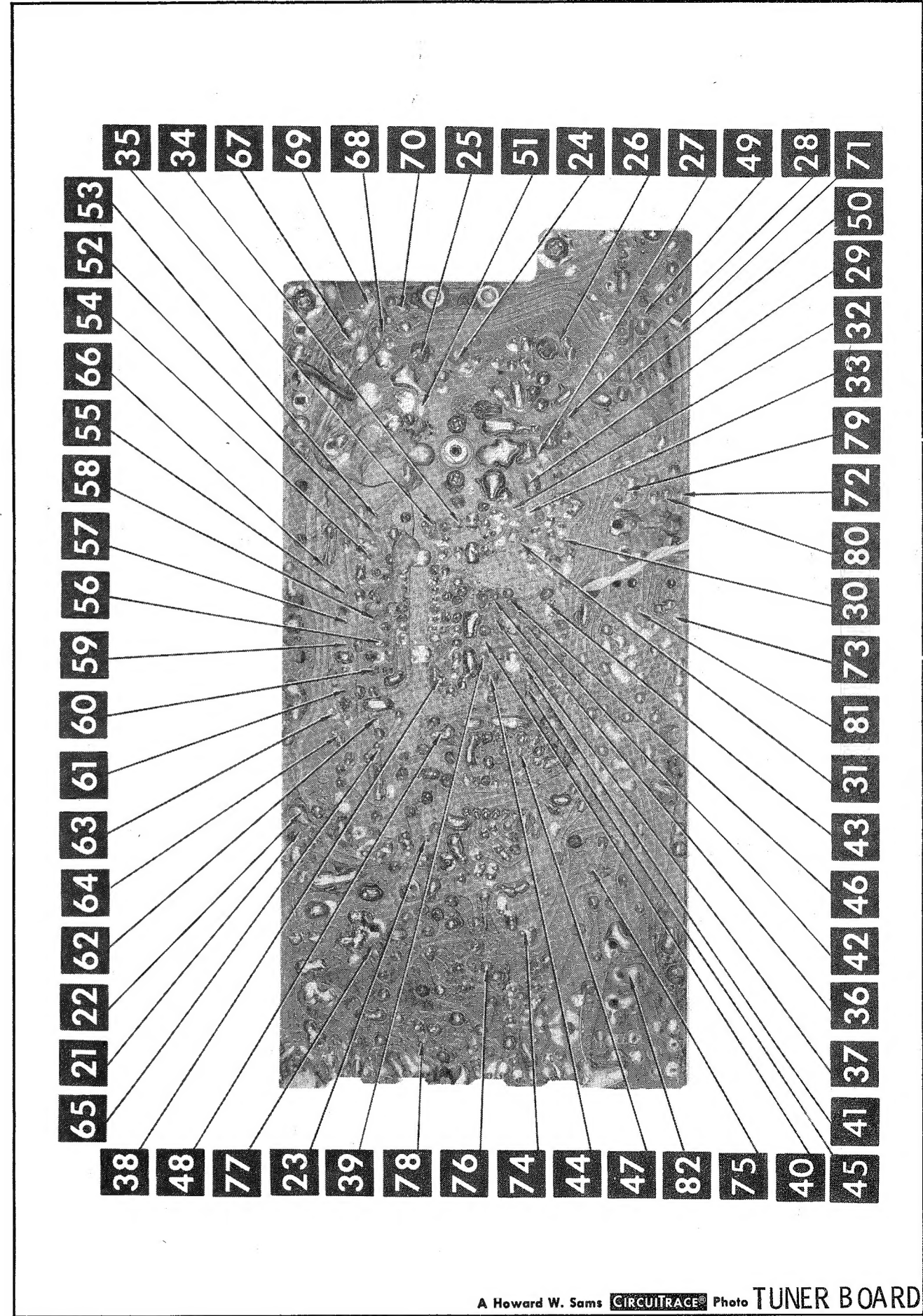
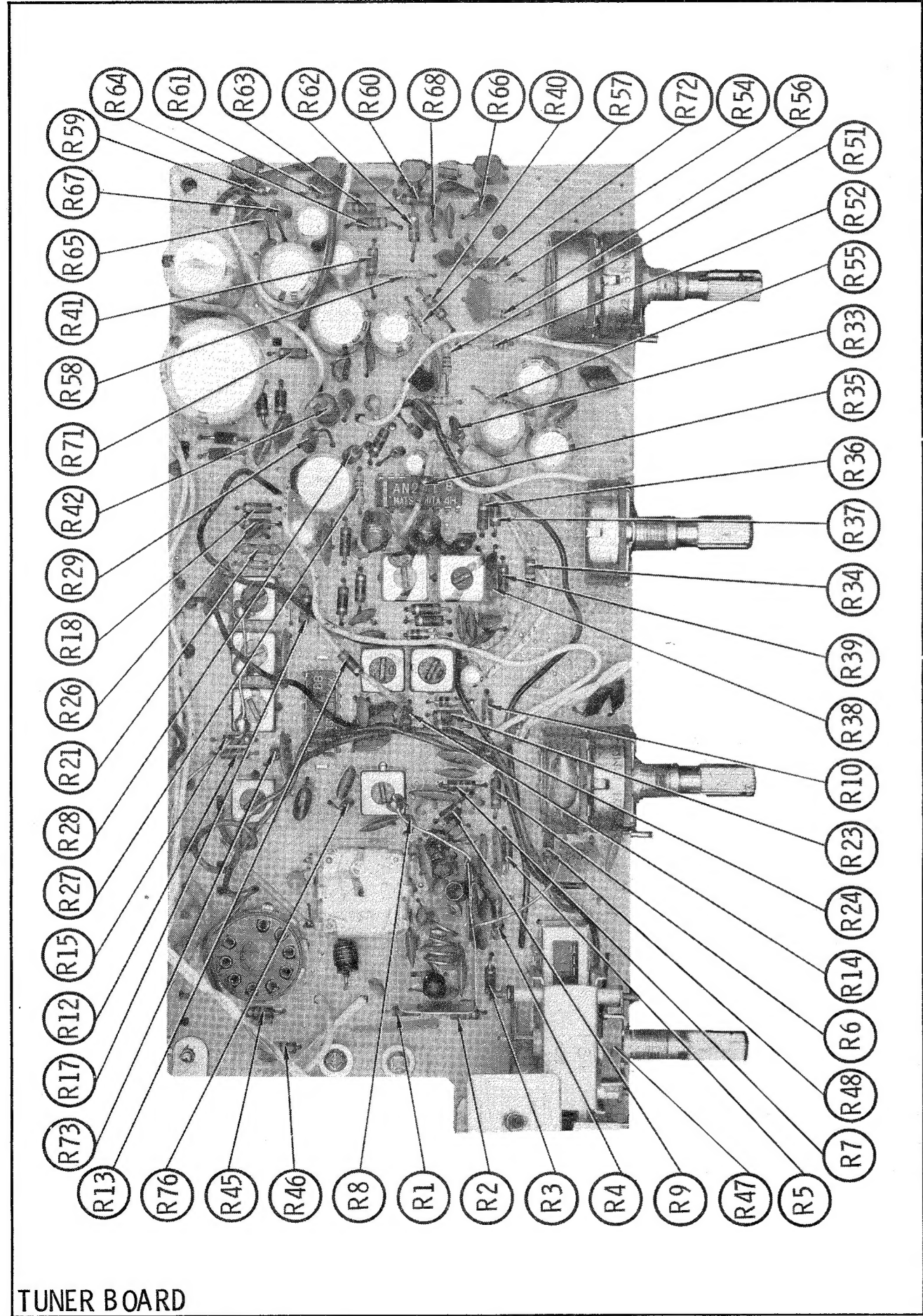
TAPE CHASSIS

CHASSIS-TOP VIEW

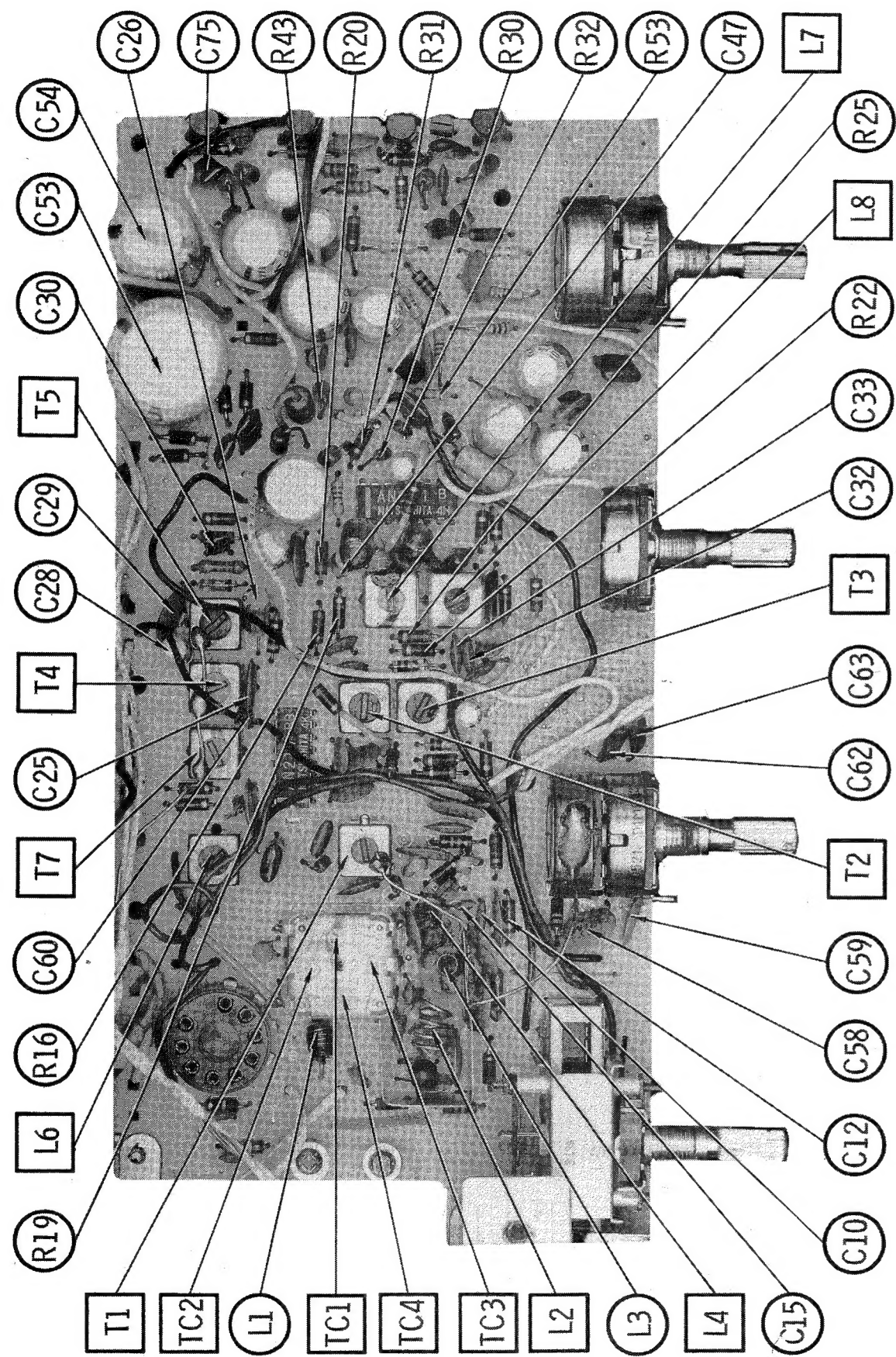


CHASSIS-TOP VIEW





TUNER BOARD



TUNER BOARD

